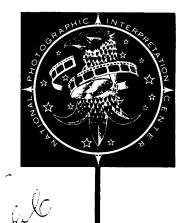
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## PHOTOGRAPHIC INTERPRETATION REPORT





# MISSION C455C 24 AUGUST 1965

NPIC/R-313/65 NOVEMBER 1965

GROUP 1 EXCLUDED FROM AUTOMATIC DOWNGRADING

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### WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

#### **PREFACE**

This summary report contains additional information on "new" and "change" targets and order of battle information on all targets listed in the Index (MI) for this mission.

Items are arranged in sections.

The "New" section provides a description of targets newly identified or known but reported for the first time by NPIC.

The "Change" section provides a description of previously reported installations showing a major change, or those where an analysis of current photography furnishes more precise information.

The "Order of Battle" section provides information on targets where order of battle can be identified.

When there are no "New" or "Change" targets, or order of battle information, the appropriate section is omitted.

"New" and "change" targets are arranged 1) by country, 2) within the country according to subject, 3) within the subject by WAC area, and 4) within the WAC area by geographic coordinates in ascending order. Order of battle information is arranged 1) by subject, 2) within the subject according to country, 3) within the country by WAC area, and 4) within the WAC area by geographic coordinates in ascending order.

The map base used (when available and applicable) for the derivation of coordinates is the latest edition of the US Air Target Chart, Series 200, or AMS Series L509 1:250,000 (China); or ONC; or AMS Series 1301, IMW (Tibet, Western China).

The header line for each target contains, reading from

left to right, the target name, the geographic coordinates, the World Aeronautical Chart number, the Bombing Encyclopedia (BE) number, and the NPIC target number.

The COMOR target number, when available, appears above the photo reference data.

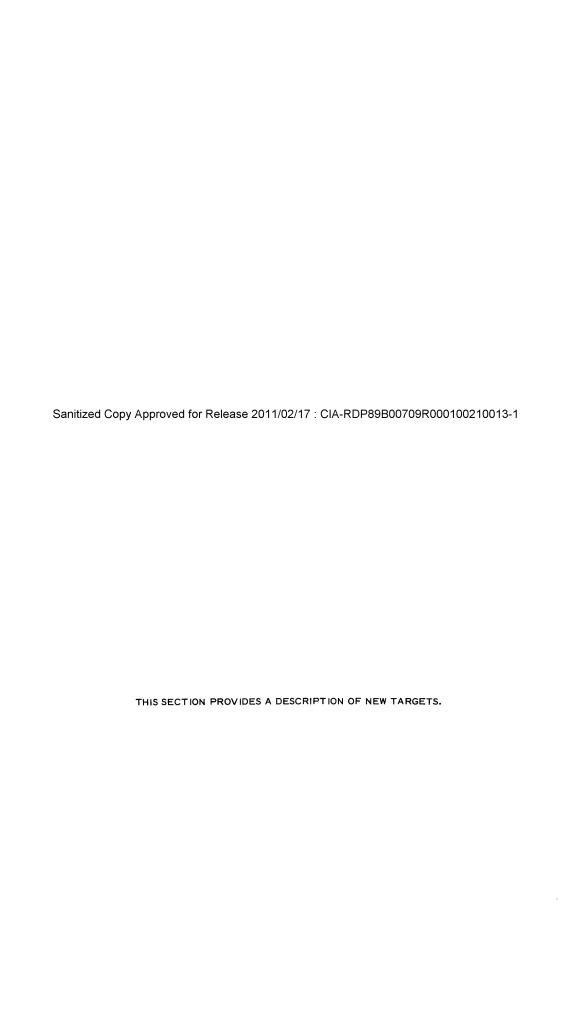
Photo reference data includes frame numbers and symbols denoting limiting conditions, photo interpretability, target coverage, and the mode.

Symbols for limiting conditions affecting photography are C (Clear), SC (Scattered Cloud Cover), HC (Heavy Cloud Cover), H (Haze), CS (Cloud Shadow), S (Snow), O (Obliquity), SD (Semidarkness), GC (Ground Cover), CF (Camouflage), and GR (Ground Resolution).

Interpretability of the photography is categorized as G (Good), F (Fair), or P (Poor). Target coverage is denoted by the symbols T (Total) or PT (Partial). The mode of coverage is indicated by ST (Stereo), NS (Non-Stereo), or PS (Partial Stereo).

When appropriate, an index follows 'new' and 'change' targets and another follows order of battle information, with targets in each index arranged alphabetically within a country.

AAA defenses are divided into three categories: light (ZPU-1, ZPU-2, ZPU-4, 37 mm), medium (57 mm, 85 mm), and heavy (100 mm and larger). The term HMGAA (heavy machine gun antiaircraft) indicates a weapon smaller than a ZPU-1. Where a category cannot be determined, the site will be listed as an AAA site and the number of guns indicated (example: 6-gun AAA site, occupied/unoccupied).



R-313/65

25X1

Target	Coordinates	WAC	Target Numbers		
i arger	Coordinates	WAC	BE	NPIC	
-CHINA-					
MISSILES					
NING-MING SAM SITE A11-2 SOUTH OF NE END OF NING-MING AIRFIELD RUNWAY AT 22-07-10N 107-08-00E. SITE CONSISTS OF AT LEAST 5 LAUNCH POSITIONS,	2207N 10708E	Ø615		3Ø-E1	25 <b>X</b> 1
A CENTRAL GUIDANCE AREA, AND A SUPPORT AREA WITH APPROXIMATELY 40 TENTS. SMOKE OVER PART OF SITE PRECLUDES FURTHER INTERPRETATION.  OB 5 PROBABLE LAUNCHERS IN LAUNCH POSITIONS, AT LEAST 3 VANS IN GUIDANCE AREA, 2 SA-2 MISSILE TRANSPORTERS, AND A NUMBER OF UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT.  (SEE ATTACHMENT 1)					25X1
MILITARY INSTALLATIONS					
SHAN-HSU POSSIBLE MILITARY AREA  0.3 NM WEST OF SHAN-HSU.  SECURED POSSIBLE MILITARY AREA CONSISTS OF 4  SMALL BARRACKS AREAS, 3 CONTAINING 3 BARRACKS IN U-SHAPED PATTERN AND 1 CONTAINING 3  BARRACKS, 4 ADMINISTRATION (1 E-SHAPED), 1  MESSHALL, 1 STORAGE, AND 6 SUPPORT BUILDINGS.	2227N 10758E	Ø615		53	
NAN-NING AMMUNITION DEPOT NORTHEAST 4 NM NE OF NAN-NING. SECURED ROAD-SERVED DEPOT IN WOODED AREA CONTAINS 11 DISPERSED STORAGE AND 2 SMALL SUPPORT BUILDINGS. PROBABLE SUPPORT AREA	2250N 10822E	Ø615		14-61	25X1 25X1

Target		wc	Target N	Target Numbers	
Target	Coordinates	WAC	BE	NPIC	
IMMEDIATELY SW AND OUTSIDE OF THE SECURITY CONTAINS APPROXIMATELY 7 BUILDINGS.					25X1
PING-HSIANG MILITARY BARRACKS WEST  Ø.5 NM WEST OF PING-HSIANG AT UTM XK7945.  AREA CONTAINS 3 BARRACKS, 1 ADMINISTRATION BUILDING, 2 VEHICLE SHEDS, 7 SUPPORT BUILDINGS, AND A DRIVER TRAINING COURSE.  OB 146 CARGO TRUCKS AND 38 OTHER VEHICLES.	2206N 10644E	Ø616		9-F1	25X1
ELECTRONICS/COMMUNICATIONS					
CHENG-HAI RADAR SITE  6.4 NM WNW OF CHENG-HAI.  SITE CONTAINS 1 SCR-270 AND 1 SCR-270-TYPE REVETTED RADAR, 6 BARRACKS-TYPE BUILDINGS, AND AT LEAST 25 STORAGE/SUPPORT BUILDINGS.  OB 1 SCR-270 AND 1 SCR-270-TYPE REVETTED RADAR.	23Ø1N 11624E	Ø614 ·		92	
					25 <b>X</b> 1
PO-CHI-CHIEH RADAR SITE 5.3 NM SE OF PO-CHI-CHIEH. RADAR SITE CONTAINS 1 TOKEN-TYPE (V-BEAM) EW AND 1 POSSIBLE GCI RADAR WITH 2 REVETTED CONTROL/SUPPORT BUILDINGS, 13 ASSOCIATED BUILDINGS, AND 2 VEHICLES. OB 1 TOKEN-TYPE RADAR AND 1 POSSIBLE	2235N 1Ø816E	Ø615		45-A	,

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GCI RADAR.

ACTIVITY -- 2 VEHICLES.

25X1

R-313/65

Target Numbers

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R-313/65 25X1

25X1

Coordinates  2439N 111	17E Ø497	BE	52
2439N 1111	17E Ø497		52
_			

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3



R-313/65

25X1

Target Numbers Target WAC Coordinates BE NPIC -CHINA-AIR INSTALLATIONS 25X1 NING-MING AIRFIELD 2207N 10707E Ø615 3Ø-E 3.6 NM ESE OF NING-MING. 7,560 X 155 FT ENE/WSW CONCRETE RUNWAY, SERVICEABLE. FACILITIES INCLUDE A PARALLEL TAXIWAY WITH 2 END-CONNECTING AND 2 CROSSOVER LINKS, 2 ALERT APRONS, AND 1 PARKING APRON. AN ASSOCIATED RAIL-SERVED POL STORAGE AREA OBSERVED 4 NM NORTH OF THE RUNWAY CENTER. DISPERSAL AREAS NE AND NW OF THE RUNWAY ARE UNDER CONSTRUCTION WITH 6 COMPLETED REVETMENTS AND 12 UNDER CONSTRUCTION. A SUPPORT AREA IMMEDIATELY SOUTH OF THE RUNWAY CONTAINS 8 BARRACKS, 3 MESSHALL, AND 24 SUPPORT BUILDINGS. A SECOND SUPPORT AREA IMMEDIATELY NORTH OF THE RUNWAY CONTAINS 8 BARRACKS, 1 ADMINISTRATION, 4 MESSHALL, AND APPROXIMATELY 19Ø SUPPORT BUILDINGS. OB -- 33 FAGOT/FRESCO. (SEE ATTACHMENT 2) 25X1 25X1 NAN-NING AIRFIELD SOUTH 2236N 1Ø81ØE Ø615 14-D 15 NM SW OF NAN-NING. 7,875 X 200 FT NE/SW CONCRETE RUNWAY,

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5

R-313/65

25X1

T4	C	ordinates	WAC	Target N	lumbers
Target			"^-	BE	NPIC
SERVICEABLE.  FACILITIES INCLUDE A PARALLEL TAXIWAY, 3 CROSSOVER LINKS, 3 ALERT APRONS, 2 PARKING APRONS, 8 NEWLY COMPLETED REVETTED HARDSTANDS, AND 1 POSSIBLE FIRING—IN BUTT UNDER CONSTRUCTION AT SW END OF RUNWAY, 6 NEWLY COMPLETED REVETTED HARDSTANDS AND 6 REVETTED HARDSTANDS UNDER CONSTRUCTION AT NE END OF RUNWAY, 1 BUILDING AND 5 BUILDING FOUNDATIONS ALONG TAXIWAY LEADING TO NORTHEASTERN HARDSTANDS, AN INSTRUMENT LANDING SYSTEM, 1 LARGE ADMINISTRATION/CONTROL BUILDING, 3 STORAGE AREAS (2 POL AND 1 GENERAL STORAGE) NW OF CENTER OF RUNWAY, AND NUMEROUS SUPPORT BUILDINGS.  OB — 3 FISHBED, 23 FARMER, 9 FAGOT/ FRESCO, 1 COLT, AND 2 MAX/MODSE. ACTIVITY — TWELVE 8—GUN MEDIUM AAA SITES, 6 OCCUPIED. ONE 7—GUN MEDIUM AAA SITES, 9 OCCUPIED. THREE 4—GUN MEDIUM AAA SITES, 1 OCCUPIED. (SEE ATTACHMENTS 3 AND 4)					
MILITARY INSTALLATIONS					
PA-PU POSSIBLE BARRACKS AREAS AREAS ARE ASSOCIATED WITH MINING AND AGRICULTURE.	243ØN	11129E	Ø497		51
CHANG-MU-TOU ARMY BARRACKS WEST 2 NM WEST OF CHANG-MU-TOU.	2253N	114Ø1E	Ø614		28-I

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25X1

25X1 25X1

R-313/65

25X1

25X1

25X1

25X1

25X1

Target Numbers Coordinates WAC BE NPIC INSTALLATION CONSISTS OF 4 AREAS CONTAINING A TOTAL OF 50 BARRACKS, 12 ADMINISTRATION, 23 STORAGE, 6 AMMUNITION STORAGE, AND APPROXIMATELY 30 SUPPORT BUILDINGS. OB -- AT LEAST 10 VEHICLES THROUGHOUT AREA. PO-CHI-CHIEH MILITARY INSTALLATION 2235N 1Ø813E Ø615 45 THIS AREA DOES NOT APPEAR TO BE MILITARY. ONE OF THE AREAS IS A HOUSING AREA FOR A SMALL HEAT PROCESSING INDUSTRY. **ELECTRONICS/COMMUNICATIONS** PING-SHAN RADIO BROADCAST STN KUANG-CHOU 2324N 11314E Ø614 2-0 17.5 NM NORTH OF KUANG-CHOU. SECURED AREA CONTAINS A LARGE ADMINISTRATION AND 2 ASSOCIATED BUILDINGS, A COOLING POND, 5 GUY WIRE SUPPORTED TOWERS (EACH WITH AN ASSOCIATED BUILDING AT ITS BASE), AN ADDITIONAL ANTENNA NEAR THE ADMINISTRATION BUILDING, AND A SUB-STATION. ADJACENT SUPPORT AREA CONTAINS 10 HOUSING AND ADMINISTRATION BUILDINGS. BASIC SERVICES NING-MING DAM 22Ø3N 1Ø7Ø3E Ø615 3Ø-F 4.8 NM SOUTH OF NING-MING. CONSTRUCTION ON DAM COMPLETED. NO HYDROELECTRIC POWER OR OTHER FACILITIES

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R-313/65

25X1 Target Numbers Target Coordinates WAC BE NPIC OBSERVED. 25X1 -NORTH VIETNAM-AIR INSTALLATIONS 25X1 TIEN YEN AIRFIELD RUNWAY APPEARS UNSERVICEABLE. 2120N 10724E Ø615 1Ø4-B OB -- NONE OBSERVED. 25X1

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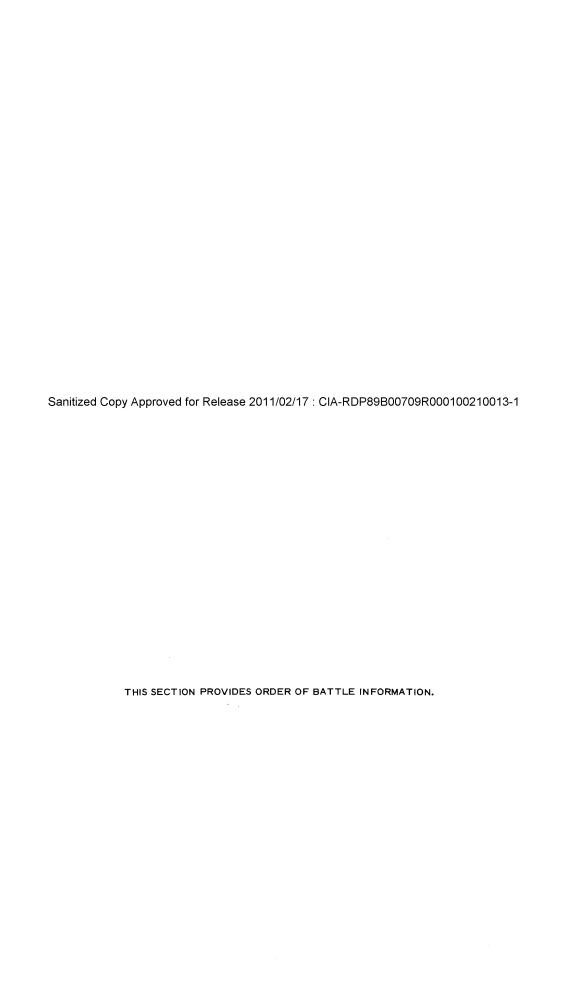
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R-313/65 INDEX PAGE -CHINA-CHANG-MU-TOU ARMY BARRACKS WEST 6 CHENG-HAI RADAR SITE 2 FU-CHUNG HYDROELECTRIC POWERPLANT 3 NAN-NING AIRFIELD SOUTH 5 NAN-NING AMMUNITION DEPOT NORTHEAST 1 NING-MING AIRFIELD 5 NING-MING DAM 7 NING-MING SAM SITE A11-2 1 PA-PU POSSIBLE BARRACKS AREAS 6 PING-HSIANG MILITARY BARRACKS WEST 2 PING-SHAN RADIO BROADCAST STN KUANG-CHOU 7 PO-CHI-CHIEH MILITARY INSTALLATION 7 PO-CHI-CHIEH RADAR SITE 2 SHAN-HSU POSSIBLE MILITARY AREA -NORTH VIETNAM-TIEN YEN AIRFIELD 8

9

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R-313/65

			Target	Numbers
Target	Coordinates	WAC	BE	NPIC
-MISSILE-  -CHINA-  NING-MING SAM SITE All-2  OB 5 PROBABLE LAUNCHERS, 2 SA-2 MISSILE  TRANSPORTERS, AT LEAST 3 VANS, AND A NUMBER OF  UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT.  (SEE ATTACHMENT 1)  -AIR-	2207N 10708E	Ø615		3Ø-E1
-CHINA-  KUANG-CHOU/FO-SHAN AIRFIELD  OB 38 FAGOT/FRESCO, 1 FARMER, 1 PROBABLE FARMER, AND 5 SMALL STRAIGHT-WING LIAISON.	23Ø5N 113Ø4E	Ø614 ·		2K
KUANG-CHOU/PAI-YUN AIRFIELD OB 4 CRATE, 2 CAB, AND 8 COLT.	2311N 11316E	Ø614		2-N
SHUI-KOU AIRFIELD OB 1 BEAGLE, 2 FAGOT/FRESCO AND 1 LIAISON.	23Ø3N 11436E	Ø614		34
NING-MING AIRFIELD  OB 33 FAGOT/FRESCO。 (SEE ATTACHMENT 2)	2207N 10707E	Ø615		3Ø-E

R-313/65

SECREI					K-312\(	25 25
				Target I	Numbers	]
Target	Coord	dinates	WAC	BE	NPIC	
NAN-NING AIRFIELD SOUTH  OB 3 FISHBED, 23 FARMER, 9 FAGOT/ FRESCO, 1 COLT, AND 2 MAX/MOOSE.  ACTIVITY TWELVE 8-GUN MEDIUM AAA SITES, 6  OCCUPIED. ONE 7-GUN MEDIUM AAA SITE, OCCUPIED.  SIXTEEN 6-GUN MEDIUM AAA SITES, 8 OCCUPIED.  THREE 4-GUN MEDIUM AAA SITES, 1 OCCUPIED.  (SEE ATTACHMENTS 3 AND 4)	2236N	1Ø81ØE	Ø615		<b>14</b> -D	25 25
-NORTH VIETNAM- SEP HA AIRFIELD OB 3 STRAIGHT-WING.	2123N	1964ØE	Ø616		397	25
ANG SON AIRFIELD OB 3 CAB, 3 COLT, AND 5 SMALL STRAIGHT-WING LIAISON.	215ØN	1Ø646E	Ø616		119-A	25
-NAVAL- -CHINA-						
NUANG-PU NAVAL BASE AND SHIPYARD  OB 1 KRONSHTADT - CLASS PC. 2 PROBABLE	23Ø5N	11325E	9614		2-B	

R-313/65

25X1

Target		C	linates	WAC	Target Numbers		
larget		Coord	ainatés	WAC	BE	NPIC	
KRONSHTADT - CLASS PC, 2 PGM, 2 P-6-CLASS PT HULLS T-43-CLASS MSF, 1 LST-1-0 CLASS LSM, 1 LCU-BRITISH- UNIDENTIFIED COMBATANT. VESSELS 1 SMALL FREIGH	, 1 POSSIBLE LASS LST, 1 LSM-1- LCT 4, AND 1						25X
SHAN-TOU SHIPYARD HAI-MEN OB 9 P-4 ON BUILDING WEASTERN L-SHAPED PIER.	IAY AND 3 P-4 AT	2312N	11637E	Ø614		66	25X1
							25X1
SHAN-TOU NAVAL BASE OB 1 PROBABLE KRONSHTA 4 SHANGHAI-CLASS PTF, AND		2321N	1164ØE	Ø614		37-1	25 <b>X</b> 1
-GROUND-							
-CHINA-							
CHANG-MU-TOU ARMY BARRACKS OB AT LEAST 10 VEHICLE		2253N	114Ø1E	Ø614		28-I	25 <b>X</b> 1
NING-MING POSSIBLE MILITARY OB AT LEAST 20 TRUCKS		22Ø8N	10704E	Ø615		3∅-8	25X1
PING-HSIANG ARMY DEPOT OB 14 TRUCKS AND 16 OT	HER VEHICLES.	22Ø5N	1Ø645E	Ø616		9-B	

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R-313/65

25X1

Target Numbers WAC Target Coordinates NPIC 25X1 PING-HSIANG MILITARY BARRACKS WEST 2206N 10644E Ø616 9-F1 OB -- 146 CARGO TRUCKS AND 38 OTHER VEHICLES. 25X1 PING-HSIANG STORAGE AREAS NORTH 2207N 10646E Ø616 9-D 25X1 OB -- 65 POSSIBLE AAA/FA PIECES, 37 PROBABLE TRUCKS, AND 12 OTHER VEHICLES/ PIECES OF EQUIPMENT. 25X1 -NORTH VIETNAM-PORT WALLUT NAVAL DISPERSAL AREA 2112N 1Ø734E Ø615 1Ø3-B OB -- 3 YP AND 2 POSSIBLE YP. 25X1 -ELECTRONICS--CHINA-CHENG-HAI RADAR SITE 23Ø1N 11624E Ø614 92 OB -- 1 SCR-270 AND 1 SCR-270-TYPE REVETTED RADAR. 25X1 NING-MING RADAR SITES 2207N 10704E Ø615 3Ø-D OB -- AT LEAST 1 SCR-270-TYPE RADAR. 25X1 PO-CHI-CHIEH RADAR SITE 2235N 1Ø816E Ø615 45-A OB -- 1 TOKEN-TYPE RADAR AND 1 POSSIBLE

R-313/65

OLUKLI						25	
	Coord	Coordinates			-	1	
						25	
DGE。	23Ø6N	11314E	Ø614			25	
	2242N	10729E	Ø615			20	
						25	
24 FA PIECES. POSSIBLE FLATBED OAD TRANSFER POINT YARD AND AT LEAST	22Ø5N	10644E	Ø616		9~F	25	
						25	
	FICATION YARDS 24 FA PIECES. POSSIBLE FLATBED COAD TRANSFER POINT YARD AND AT LEAST	23Ø6N  23Ø6N  2242N  2242N  2242N  2242N  2242N  2242N  2242N  2242N  2242N  2265N  24 FA PIECES.  295N  24 FA PIECES.  200D TRANSFER POINT  YARD AND AT LEAST	2306N 11314E DGE.  2242N 10729E AIG-21 (FISHBED) AT AREA, CHINA.  FICATION YARDS 24 FA PIECES. POSSIBLE FLATBED COAD TRANSFER POINT YARD AND AT LEAST	2306N 11314E 0614  DGE.  2306N 11314E 0614  2242N 10729E 0615  PICATION YARDS 24 FA PIECES. POSSIBLE FLATBED COAD TRANSFER POINT YARD AND AT LEAST	Coordinates  WAC  BE  23Ø6N 11314E Ø614  DGE.  2242N 10729E Ø615  AREA, CHINA.  FICATION YARDS 24 FA PIECES. 3 POSSIBLE FLATBED 30AD TRANSFER POINT YARD AND AT LEAST	23Ø6N 11314E Ø614  DGE.  23Ø6N 11314E Ø614  2242N 1Ø729E Ø615  FICATION YARDS 24 FA PIECES. POSSIBLE FLATBED COAD TRANSFER POINT YARD AND AT LEAST	

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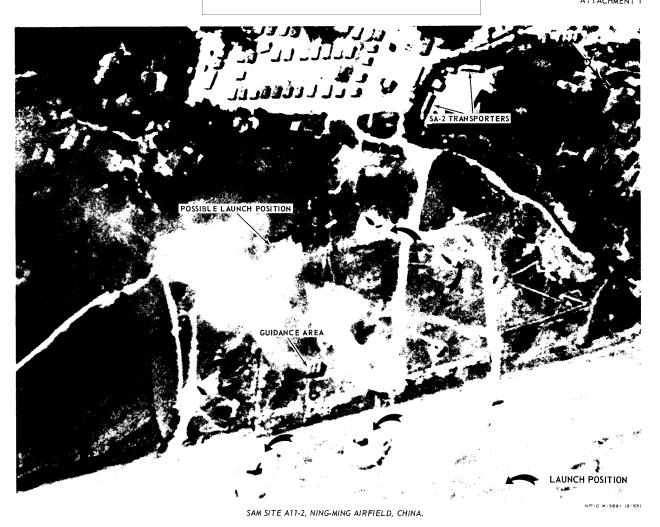


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R-313/65

INDEX	PAGE
-CHINA-	
CHANG-MU-TOU ARMY BARRACKS WEST	13
CHENG-HAI RADAR SITE	14
HUANG-PU NAVAL BASE AND SHIPYARD	12
KUANG-CHOU PORT FACILITIES	15
KUANG-CHOU/FO-SHAN AIRFIELD	11
KUANG-CHOU/PAI-YUN AIRFIELD	11
NAN-NING AIRFIELD SOUTH	12
NAN-NING AREA	15
NING-MING AIRFIELD	11
NING-MING POSSIBLE MILITARY INSTALLATION	13
NING-MING RADAR SITES	14
NING-MING SAM SITE All-2	11
PING-HSIANG ARMY DEPOT	13
PING-HSIANG MILITARY BARRACKS WEST	14
PING-HSIANG RAILROAD CLASSIFICATION YARDS	15
PING-HSIANG STORAGE AREAS NORTH	14
PO-CHI-CHIEH RADAR SITE	14
SHAN-TOU NAVAL BASE	13
SHAN-TOU SHIPYARD HAI-MEN	13
SHUI-KOU AIRFIELD	1.1
-NORTH VIETNAM-	
KEP HA AIRFIELD	12
LANG SON AIRFIELD	12
PORT WALLUT NAVAL DISPERSAL AREA	14

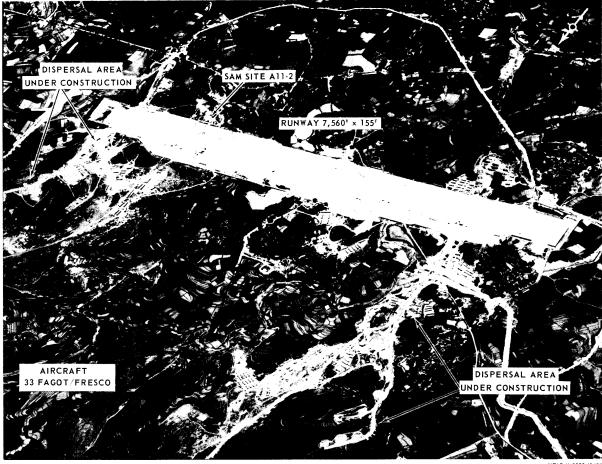
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NPIC/R-313/65

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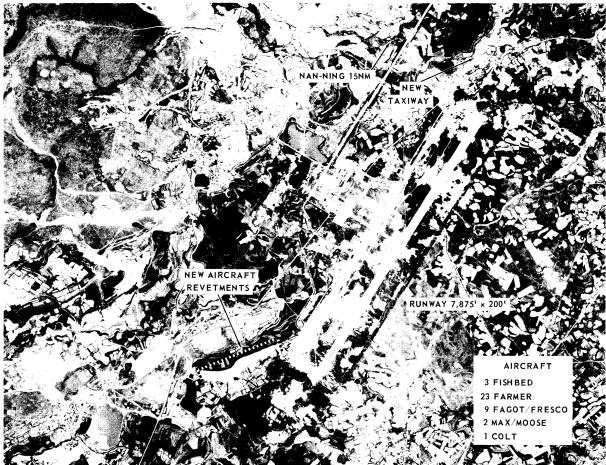
ATTACHMENT 2



NING-MING AIRFIELD, CHINA

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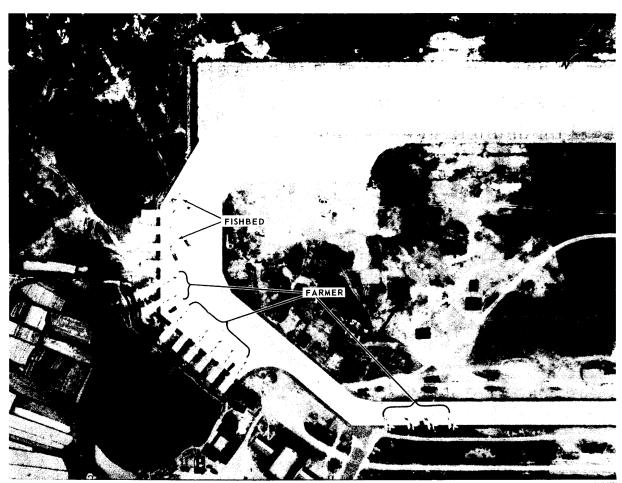
NAN-NING AIRFIELD SOUTH, CHINA

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NPIC/R-313/65

ATTACHMENT 4

25X1



NAN-NING AIRFIELD SOUTH, CHINA.

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NPIC/R-313/65

ATTACHMENT 5

25X1



KUANG-CHOU PORT FACILITIES, CHINA.

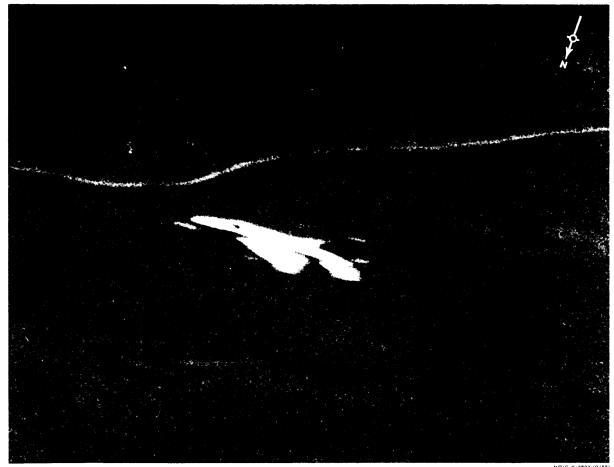
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NPIC/R-313/65

ATTACHMENT 6

25X1



MIG-21 (FISHBED) IN FLIGHT, NAN-NING AREA, CHINA.

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NPIC/R-313/65 ATTACHMENT 7

25X1

PING-HSIANG RAILROAD CLASSIFICATION YARD EQUIPMENT 109 AAA GUNS 24 POSS FA PIECES

AAA GUNS, PING-HSIANG, CHINA.

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